

10/647,313

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AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT
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10/647,313

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FILE 'USPATFULL' ENTERED AT 10:56:22 ON 09 FEB 2006
CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 9 Feb 2006 (20060209/PD)
FILE LAST UPDATED: 9 Feb 2006 (20060209/ED)
HIGHEST GRANTED PATENT NUMBER: US6996845
HIGHEST APPLICATION PUBLICATION NUMBER: US2006031974
CA INDEXING IS CURRENT THROUGH 9 Feb 2006 (20060209/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 9 Feb 2006 (20060209/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2005
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2005

=> s self tan? or artificial tan?
536181 SELF
669657 TAN?
942 SELF TAN?
(SELF(W)TAN?)
147880 ARTIFICIAL
669657 TAN?
731 ARTIFICIAL TAN?
(ARTIFICIAL(W)TAN?)
L1 1484 SELF TAN? OR ARTIFICIAL TAN?

=> s l1/ti
28529 SELF/TI
12324 TAN?/TI
33 SELF TAN?/TI
(SELF(W)TAN?)/TI
4019 ARTIFICIAL/TI
12324 TAN?/TI
15 ARTIFICIAL TAN?/TI
(ARTIFICIAL(W)TAN?)/TI
L2 48 (SELF TAN?/TI OR ARTIFICIAL TAN?/TI)

=> s wipe? or sheet?
76828 WIPE?
741446 SHEET?
L3 792838 WIPE? OR SHEET?

=> s l2 and l3
L4 8 L2 AND L3

=> d 1-8 ibib abs

L4 ANSWER 1 OF 8 USPATFULL on STN
ACCESSION NUMBER: 2005:117251 USPATFULL
TITLE: Hydroalcohol based **self-tanning**
composition
INVENTOR(S): Dann, Thomas W., Oldsmar, FL, UNITED STATES
PATENT ASSIGNEE(S): Formulated Solutions, LLC (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|---------------|
| ----- | | | |
| PATENT INFORMATION: | US 2005100516 | A1 | 20050512 |
| APPLICATION INFO.: | US 2003-703241 | A1 | 20031107 (10) |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | APPLICATION | | |
| LEGAL REPRESENTATIVE: | ALSTON & BIRD LLP, BANK OF AMERICA PLAZA, 101 SOUTH | | |

10/647,313

TRYON STREET, SUITE 4000, CHARLOTTE, NC, 28280-4000, US

NUMBER OF CLAIMS: 49

EXEMPLARY CLAIM: 1

LINE COUNT: 472

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention is a sunless tanning composition that can be applied to the skin as an aerosol. The composition is a hydroalcohol system that contains at least one self-tanning agent and a surfactant. The surfactant reduces the composition's surface tension so that it is applied to the skin in a uniform and even manner. As a result, the composition helps eliminate problems associated with most sunless tanning products.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 8 USPATFULL on STN

ACCESSION NUMBER: 2005:3876 USPATFULL

TITLE: Dual component skin care compositions that comprise a **self-tanning** agent

INVENTOR(S): Crook, Teresa Barbara, Camberley, UNITED KINGDOM
Stephens, Alison Fiona, Cookham, UNITED KINGDOM

PATENT ASSIGNEE(S): The Procter & Gamble Company (non-U.S. corporation)

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

PATENT INFORMATION: US 2005002978 A1 20050106

APPLICATION INFO.: US 2004-883616 A1 20040701 (10)

| NUMBER | DATE |
|--------|------|
|--------|------|

PRIORITY INFORMATION: EP 2003-254235 20030703

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224

NUMBER OF CLAIMS: 17

EXEMPLARY CLAIM: 1

LINE COUNT: 1046

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Cosmetic kits comprising at least two separated components are provided.

The at least two separated components comprise, in one component, a self-tanning agent, and in the other, a reactive skin care active. The cosmetic kits provide increased skin health benefits when both components are applied to the skin simultaneously or successively.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 8 USPATFULL on STN

ACCESSION NUMBER: 2004:306445 USPATFULL

TITLE: Stable cosmetic composition comprising a **self-tanning** agent

INVENTOR(S): Stephens, Alison Fiona, Cookham, UNITED KINGDOM
Crook, Teresa Barbara, Camberley, UNITED KINGDOM

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

PATENT INFORMATION: US 2004241113 A1 20041202

APPLICATION INFO.: US 2004-842585 A1 20040510 (10)

| NUMBER | DATE |
|--------|------|
|--------|------|

10/647,313

PRIORITY INFORMATION: EP 2003-253316 20030527
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224

NUMBER OF CLAIMS: 30
EXEMPLARY CLAIM: 1
LINE COUNT: 838

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Stable topical compositions having a pH of from 3.5 to 4.5 comprising a self-tanning agent, a polymer and a polyhydric alcohol humectant. The compositions of the present invention are highly stable, and deliver high levels of active self-tanning agent to the skin upon topical application.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 8 USPATFULL on STN
ACCESSION NUMBER: 2004:164857 USPATFULL
TITLE: Self-tanning composition in sheeted substrate
INVENTOR(S): Dicianna, Valerie Dumont, Concord, CANADA

| | NUMBER | KIND | DATE |
|-----------------------|---|------|---------------|
| PATENT INFORMATION: | US 2004126342 | A1 | 20040701 |
| APPLICATION INFO.: | US 2003-647313 | A1 | 20030826 (10) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. WO 2002-CA234, filed on 26 Feb 2002, UNKNOWN | | |

| | NUMBER | DATE |
|-----------------------|---|----------|
| PRIORITY INFORMATION: | CA 2001-2338124 | 20010226 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | MARKS & CLERK, 1075 NORTH SERVICE ROAD WEST, SUITE 203, OAKVILLE, ON, L6M 2G2 | |
| NUMBER OF CLAIMS: | 16 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 1 Drawing Page(s) | |
| LINE COUNT: | 1158 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A plurality of sheet-like substrates infused by an aqueous self-tanning position is enclosed in a dispensing enclosure, from which they may be removed one at a time. The self-tanning composition adheres to each substrate while in the container, and transfers from the substrate when applied to the skin of a user. The aqueous self-tanning composition comprises 45% to 65% by weight of aqueous extract of Japanese green tea, 5% to 15% dihydroxyacetone, 5% to 25% ethylethoxydiglycol, 3% to 10% PPG-12-Buteth-16, 1% to 13% of a humectant, 0.05% to 0.5% of minerals, and other trace constituents such as an exfoliator, moisturizer, colorant, anti-oxidant, tanning accelerator, preservative, and sunscreen. The substrates are infused by being placed in a vacuum chamber in which they can be agitated and tumbled, and the ingredients are added in a specific order at specific temperatures, with tumbling and agitation following each step for a specific period of time.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 8 USPATFULL on STN

10/647,313

ACCESSION NUMBER: 2003:258480 USPATFULL
TITLE: Artificial tanning emulsions
comprising sorghum extracts/organomodified silicones
INVENTOR(S): Seyler, Nathalie, Maisons-Alfort, FRANCE
Elguidj, Irene, Neuilly, FRANCE
Candau, Didier, Bievres, FRANCE

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|---------------|
| PATENT INFORMATION: | US 2003181533 | A1 | 20030925 |
| APPLICATION INFO.: | US 2003-338713 | A1 | 20030109 (10) |

| | NUMBER | DATE |
|-----------------------|---|---------------|
| PRIORITY INFORMATION: | FR 2002-254 | 20020110 |
| | US 2002-350383P | 20020124 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box 1404, Alexandria, VA, 22313-1404 | |
| NUMBER OF CLAIMS: | 32 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 978 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topically applicable, cosmetic/dermatological artificial tanning emulsions devoid of certain flavylium salts include (a) at least one aqueous phase and (b) at least one fatty phase, (c) an effective artificial tanning amount of at least one sorghum extract, and (d) at least one organomodified silicone.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 8 USPATFULL on STN
ACCESSION NUMBER: 2003:200404 USPATFULL
TITLE: Artificial tanning compositions
comprising sorghum extracts
INVENTOR(S): Seyler, Nathalie, Maisons-Alfort, FRANCE
Elguidj, Irene, Neuilly, FRANCE
Candau, Didier, Bievres, FRANCE

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|---------------|
| PATENT INFORMATION: | US 2003138387 | A1 | 20030724 |
| | US 6699462 | B2 | 20040302 |
| APPLICATION INFO.: | US 2003-338700 | A1 | 20030109 (10) |

| | NUMBER | DATE |
|-----------------------|---|----------|
| PRIORITY INFORMATION: | FR 2002-251 | 20020110 |
| | FR 2002-252 | 20020110 |
| | FR 2002-253 | 20020110 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box 1404, Alexandria, VA, 22313-1404 | |
| NUMBER OF CLAIMS: | 23 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 712 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topically applicable, cosmetic/dermatological artificial tanning compositions devoid of certain flavylium salts contain an effective artificial tanning amount of at least one sorghum extract formulated

10/647,313

into a topically applicable, cosmetically/dermatologically acceptable vehicle therefor.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 8 USPATFULL on STN
ACCESSION NUMBER: 2002:336913 USPATFULL
TITLE: Article for applying **artificial tanning** agent and method of making
INVENTOR(S): Gueret, Jean-Louis, Paris, FRANCE
PATENT ASSIGNEE(S): L'OREAL, Paris, FRANCE, 75008 (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|---------------|
| PATENT INFORMATION: | US 2002192270 | A1 | 20021219 |
| | US 6723306 | B2 | 20040420 |
| APPLICATION INFO.: | US 2002-161877 | A1 | 20020605 (10) |

| | NUMBER | DATE |
|-----------------------|---|----------|
| PRIORITY INFORMATION: | FR 2001-7309 | 20010605 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | OBLON SPIVAK MCCLELLAND MAIER & NEUSTADT PC, FOURTH FLOOR, 1755 JEFFERSON DAVIS HIGHWAY, ARLINGTON, VA, 22202 | |
| NUMBER OF CLAIMS: | 68 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 2 Drawing Page(s) | |
| LINE COUNT: | 758 | |

AB An article for applying a skin care product, particularly an artificial tanning agent to the skin. The article includes an adhesive matrix disposed between at least two layers that are permanently bonded to the matrix, with at least one of the layers being permeable to a liquid. The matrix contains at least one artificial tanning agent suitable for acting on the skin when the matrix is put into contact with the liquid so that the artificial tanning agent can be applied to the skin after contacting the article with the liquid. A method of making the article is also provided.

L4 ANSWER 8 OF 8 USPATFULL on STN
ACCESSION NUMBER: 1999:132252 USPATFULL
TITLE: **Self-tanning** towelette
INVENTOR(S): Braun, Darian, 1821 Dolce Dr., Las Vegas, NV, United States 89134

| | NUMBER | KIND | DATE |
|-----------------------|--|------|--------------|
| PATENT INFORMATION: | US 5972360 | | 19991026 |
| APPLICATION INFO.: | US 1998-146794 | | 19980903 (9) |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Dodson, Shelley A. | | |
| LEGAL REPRESENTATIVE: | Schweitzer Cornman Gross & Bondell LLP | | |
| NUMBER OF CLAIMS: | 8 | | |
| EXEMPLARY CLAIM: | 1 | | |
| LINE COUNT: | 202 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A self-tanning product comprising a towelette impregnated with a self-tanning composition. The product provides an inexpensive single-use application which is non-streaking and does not stain the hands. The

10/647,313

towel component preferably contains wood pulp fibers to provide an exfoliation effect during application of the tanning solution.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s us5972360/pn
L5 1 US5972360/PN

=> s dihydroxyacetone?
L6 2992 DIHYDROXYACETONE?

=> s green tea?
275431 GREEN
734920 TEA?
L7 2581 GREEN TEA?
(GREEN (W) TEA?)

=> s ethoxydiglycol?
L8 593 ETHOXYDIGLYCOL?

=> s PPG-12buteth-16
13769 PPG
0 12BUTETH
3352705 16
L9 0 PPG-12BUTETH-16
(PPG (W) 12BUTETH (W) 16)

=> s PPG-12-buteth-16
13769 PPG
3754676 12
213 BUTETH
3352705 16
L10 58 PPG-12-BUTETH-16
(PPG (W) 12 (W) BUTETH (W) 16)

=> s humectant?
L11 19166 HUMECTANT?

=> s edta
L12 100560 EDTA

=> s tocopherol?
L13 17262 TOCOPHEROL?

=> s castor oil?
40484 CASTOR
632804 OIL?
L14 34252 CASTOR OIL?
(CASTOR (W) OIL?)

=> s glycol?
L15 363909 GLYCOL?

=> s glycerin?
L16 74082 GLYCERIN?

=> d his

(FILE 'HOME' ENTERED AT 10:56:12 ON 09 FEB 2006)

FILE 'USPATFULL' ENTERED AT 10:56:22 ON 09 FEB 2006

10/647,313

L1 1484 S SELF TAN? OR ARTIFICIAL TAN?
L2 48 S L1/TI
L3 792838 S WIPE? OR SHEET?
L4 8 S L2 AND L3
L5 1 S US5972360/PN
L6 2992 S DIHYDROXYACETONE?
L7 2581 S GREEN TEA?
L8 593 S ETHOXYDIGLYCOL?
L9 0 S PPG-12BUTETH-16
L10 58 S PPG-12-BUTETH-16
L11 19166 S HUMECTANT?
L12 100560 S EDTA
L13 17262 S TOCOPHEROL?
L14 34252 S CASTOR OIL?
L15 363909 S GLYCOL?
L16 74082 S GLYCERIN?

=> s 15 and 17
L17 0 L5 AND L7

=> s 15 and 16
L18 1 L5 AND L6

=> s 15 and 18
L19 1 L5 AND L8

=> s 119 and 110
L20 0 L19 AND L10

=> s 119 and 111
L21 1 L19 AND L11

=> s 121 and 114
L22 0 L21 AND L14

=> s 121 and 112
L23 1 L21 AND L12

=> s 123 and 115
L24 1 L23 AND L15

=> s 124 and 116
L25 0 L24 AND L16

=> d 124 ibib abs kwic

L24 ANSWER 1 OF 1 USPATFULL on STN
ACCESSION NUMBER: 1999:132252 USPATFULL
TITLE: Self-tanning towelette
INVENTOR(S): Braun, Darian, 1821 Dolce Dr., Las Vegas, NV, United States 89134

| | NUMBER | KIND | DATE | |
|-----------------------|--|-------|--------------|-----|
| | ----- | ----- | ----- | --- |
| PATENT INFORMATION: | US 5972360 | | 19991026 | |
| APPLICATION INFO.: | US 1998-146794 | | 19980903 (9) | |
| DOCUMENT TYPE: | Utility | | | |
| FILE SEGMENT: | Granted | | | |
| PRIMARY EXAMINER: | Dodson, Shelley A. | | | |
| LEGAL REPRESENTATIVE: | Schweitzer Cornman Gross & Bondell LLP | | | |
| NUMBER OF CLAIMS: | 8 | | | |
| EXEMPLARY CLAIM: | 1 | | | |

LINE COUNT: 202

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A self-tanning product comprising a towelette impregnated with a self-tanning composition. The product provides an inexpensive single-use application which is non-streaking and does not stain the hands. The towel component preferably contains wood pulp fibers to provide an exfoliation effect during application of the tanning solution.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

PI US 5972360 19991026 <--

SUMM . . . new. The key active ingredient is dihydroxyacetone, which serves as the tanning agent. It normally is preferable to also include **ethoxydiglycol** to help the tanning agent penetrate into the skin and thus tan faster.

SUMM

| | |
|-------------|-----------------|
| Broad Range | Preferred Range |
|-------------|-----------------|

Dihydroxyacetone

2.5 to 7.0

5 to 6.5

Ethoxydiglycol 10.0 to 20.0 13 to 17.0

SUMM

| Ingredient | Purpose | Typical Wt % |
|------------|---------|--------------|
|------------|---------|--------------|

| | | |
|---|-------------|------------------------|
| Deionized water | solvent | 60 to 75 |
| Ascorbic acid | antioxidant | 0.1 to 1.0 |
| Butylene Glycol | humectant | 3 to 8 |
| Fragrance oil | fragrance | 0.1 to 0.5 |
| Polysorbate-20 | stabilizer | 1 to 5
to fragrance |
| Propylene glycol and methylparaben/
propylparaben/ preservatives | | 1 to 2 |
| triethylamine pH adjuster | | 0.1 to 0.3 |

DETD

Ingredients:

| | |
|--|--------|
| Active: | % w/w. |
| Ethoxydiglycol | 15.000 |
| Dihydroxyacetone | 6.500 |
| Other: | |
| 1. Deionized Water | 66.079 |
| 2. Butylene Glycol | 5.000 |
| 3. Cucumber Extract | 2.500 |
| 4. Polysorbate 20 | 2.000 |
| 5. Propylene Glycol (and) Diazolidinyl Urea
(and) Methylparaben (and) Propylparaben | 1.000 |
| 6. Fragrance Oil | 0.250 |
| 7. Ascorbic Acid | 0.500 |
| 8. Triethanolamine | 0.150 |
| 9. Tocopheryl Acetate | 0.100 |
| 10. Tea Tree Oil | 0.100 |
| 11. Tetrasodium EDTA | 0.500 |
| 12. Sodium Metabisulfite | 0.200 |
| 13. FD & C Yellow #5 | 0.013 |
| 14. FD & C Yellow #6 | 0.008 |

CLM What is claimed is:

. . . of claim 2 wherein said self-tanning composition further contains a member of the group consisting of skin absorption agents, antioxidants, humectants, preservatives and fragrances.

10/647,313

. . . self-tanning product in the form of a towel impregnated with a self-tanning composition containing an effective amount of dihydroxyacetone and **ethoxydiglycol** and enclosed in a liquid-proof packet which can readily be opened for one step application to the body and/or face.

=> s ?cinnamate?
L26 14996 ?CINNAMATE?

=> s l25 and l26
L27 0 L25 AND L26

=> s sunscreen?
L28 8788 SUNSCREEN?

=> s l25 and l28
L29 0 L25 AND L28

L25 ANSWER 1 OF 1 USPATFULL on STN
ACCESSION NUMBER: 97:78164 USPATFULL
TITLE: Self-tanning cosmetic compositions and methods of using
the same
INVENTOR(S): Punto, Louis L., Northport, NY, United States
Zecchino, Jules R., Closter, NJ, United States
Lentini, Peter J., Glen Oaks, NY, United States
PATENT ASSIGNEE(S): Estee Lauder, Inc., New York, NY, United States (U.S.
corporation)

| | NUMBER | KIND | DATE |
|--|---|------|--------------|
| PATENT INFORMATION: | US 5662890 | | 19970902 <-- |
| APPLICATION INFO.: | US 1994-320772 | | 19941011 (8) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1992-980001, filed on 23
Nov 1992, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Dodson, Shelley A. | | |
| LEGAL REPRESENTATIVE: | Pennie & Edmonds LLP | | |
| NUMBER OF CLAIMS: | 14 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 8 Drawing Figure(s); 8 Drawing Page(s) | | |
| LINE COUNT: | 702 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |
| AB | The present invention relates to novel cosmetic preparations for
artificially tanning the skin. These novel cosmetics are applied to the
skin in a sprayable mist application. These cosmetics are oil and
alcohol free and are quick drying. Further, these cosmetic preparations
provide an even, deeper and long lasting artificial tan. | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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HIGHEST APPLICATION PUBLICATION NUMBER: US2006031974
CA INDEXING IS CURRENT THROUGH 9 Feb 2006 (20060209/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 9 Feb 2006 (20060209/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2005
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2005

=> s artificial tan? or self-tan? or self tan?

147880 ARTIFICIAL
669657 TAN?
731 ARTIFICIAL TAN?
(ARTIFICIAL (W) TAN?)
536181 SELF
669657 TAN?
942 SELF-TAN?
(SELF (W) TAN?)
536181 SELF
669657 TAN?
942 SELF TAN?
(SELF (W) TAN?)

L1 1484 ARTIFICIAL TAN? OR SELF-TAN? OR SELF TAN?

=> s green tea?

275431 GREEN
734920 TEA?
L2 2581 GREEN TEA?
(GREEN (W) TEA?)

=> s 11 and 12

L3 151 L1 AND L2

=> s sheet? or wip? or towel?

741446 SHEET?
97163 WIP?
23916 TOWEL?
L4 816702 SHEET? OR WIP? OR TOWEL?

=> s 13 and 14

L5 81 L3 AND L4

=> s dihydroxyacetone?

L6 2992 DIHYDROXYACETONE?

=> s 15 and 16

L7 31 L5 AND L6

=> s ethoxydiglycol?

L8 593 ETHOXYSUGLYCOL?

=> s 17 and 18

L9 1 L7 AND L8

=> d 1 ibib abs

10/647,313

L9 ANSWER 1 OF 1 USPATFULL on STN
ACCESSION NUMBER: 2004:164857 USPATFULL
TITLE: Self-tanning composition in
sheeted substrate
INVENTOR(S): Dicianna, Valerie Dumont, Concord, CANADA

| | NUMBER | KIND | DATE |
|-----------------------|--|------|---------------|
| PATENT INFORMATION: | US 2004126342 | A1 | 20040701 |
| APPLICATION INFO.: | US 2003-647313 | A1 | 20030826 (10) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. WO 2002-CA234, filed
on 26 Feb 2002, UNKNOWN | | |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | CA 2001-2338124 | 20010226 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | MARKS & CLERK, 1075 NORTH SERVICE ROAD WEST, SUITE 203,
OAKVILLE, ON, L6M 2G2 | |
| NUMBER OF CLAIMS: | 16 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 1 Drawing Page(s) | |
| LINE COUNT: | 1158 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A plurality of sheet-like substrates infused by an aqueous self-tanning position is enclosed in a dispensing enclosure, from which they may be removed one at a time. The self-tanning composition adheres to each substrate while in the container, and transfers from the substrate when applied to the skin of a user. The aqueous self-tanning composition comprises 45% to 65% by weight of aqueous extract of Japanese green tea, 5% to 15% dihydroxyacetone, 5% to 25% ethylethoxydiglycol, 3% to 10% PPG-12-Buteth-16, 1% to 13% of a humectant, 0.05% to 0.5% of minerals, and other trace constituents such as an exfoliator, moisturizer, colorant, anti-oxidant, tanning accelerator, preservative, and sunscreen. The substrates are infused by being placed in a vacuum chamber in which they can be agitated and tumbled, and the ingredients are added in a specific order at specific temperatures, with tumbling and agitation following each step for a specific period of time.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 11:07:59 ON 09 FEB 2006)

FILE 'USPATFULL' ENTERED AT 11:08:36 ON 09 FEB 2006
L1 1484 S ARTIFICIAL TAN? OR SELF-TAN? OR SELF TAN?
L2 2581 S GREEN TEA?
L3 151 S L1 AND L2
L4 816702 S SHEET? OR WIP? OR TOWEL?
L5 81 S L3 AND L4
L6 2992 S DIHYDROXYACETONE?
L7 31 S L5 AND L6
L8 593 S ETHOXYDIGLYCOL?
L9 1 S L7 AND L8

=> s 15 and 18

10/647,313

L10 1 L5 AND L8

=> s PPG-12-buteth-16
13769 PPG
3754676 12
213 BUTETH
3352705 16
L11 58 PPG-12-BUTETH-16
(PPG(W) 12 (W) BUTETH(W) 16)

=> s l11 and l7
L12 1 L11 AND L7

=> s l5 and l11
L13 1 L5 AND L11

=> s us5972360/pn
L14 1 US5972360/PN

=> s l14 and l11
L15 0 L14 AND L11

=> s emollient?
L16 11262 EMOLLIENT?

=> s PPG
L17 13769 PPG

=> s l16 and l17
L18 1489 L16 AND L17

=> s l18 and l14
L19 0 L18 AND L14

=> d his

(FILE 'HOME' ENTERED AT 11:07:59 ON 09 FEB 2006)

FILE 'USPATFULL' ENTERED AT 11:08:36 ON 09 FEB 2006
L1 1484 S ARTIFICIAL TAN? OR SELF-TAN? OR SELF TAN?
L2 2581 S GREEN TEA?
L3 151 S L1 AND L2
L4 816702 S SHEET? OR WIP? OR TOWEL?
L5 81 S L3 AND L4
L6 2992 S DIHYDROXYACETONE?
L7 31 S L5 AND L6
L8 593 S ETHOXYDIGLYCOL?
L9 1 S L7 AND L8
L10 1 S L5 AND L8
L11 58 S PPG-12-BUTETH-16
L12 1 S L11 AND L7
L13 1 S L5 AND L11
L14 1 S US5972360/PN
L15 0 S L14 AND L11
L16 11262 S EMOLLIENT?
L17 13769 S PPG
L18 1489 S L16 AND L17
L19 0 S L18 AND L14

=> s l18 and l7
L20 10 L18 AND L7

10/647,313

=> d 1-10 ibib abs

L20 ANSWER 1 OF 10 USPATFULL on STN
ACCESSION NUMBER: 2005:292515 USPATFULL
TITLE: Personal care compositions and methods regulating mammalian hair growth
INVENTOR(S): Oblong, John Erich, Loveland, OH, UNITED STATES
McPhail, Sara Johnson, West Chester, OH, UNITED STATES
Weitz, Shannon Christine, Hamilton, OH, UNITED STATES
Harris, Judith Lynn, Cleves, OH, UNITED STATES

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|---------------|
| PATENT INFORMATION: | US 2005255060 | A1 | 20051117 |
| APPLICATION INFO.: | US 2005-125385 | A1 | 20050509 (11) |

| | NUMBER | DATE |
|-----------------------|--|---------------|
| PRIORITY INFORMATION: | US 2004-569587P | 20040510 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224, US | |
| NUMBER OF CLAIMS: | 19 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 1462 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Personal care compositions comprising at least one chronic skin care active selected from the group consisting of butylated hydroxytoluene (BHT), butylated hydroxyanisole (BHA), hexyl isobutyrate, menthyl anthranilate, methofuran, 3-butyldenecephthalide, cetyl pyridinium chloride, green tea extract, catechins, phytosterols, ursolic acid, and plant extract compounds; at least one acute skin care active selected from the group consisting of particulate materials (including particles, pigments, and cross-linked silicone elastomers), alkane polyols, panthenol and pantothenic acid derivatives, and tanning actives; and a dermatologically acceptable carrier. The composition can also comprise the cationic thickener, Polyquaternium 37. The present invention also relates to methods of using such compositions to regulate hair growth and the condition of mammalian skin. Said methods generally comprise the step of topically applying the composition to the skin of a mammal needing such treatment, a safe and effective amount of such compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 2 OF 10 USPATFULL on STN
ACCESSION NUMBER: 2005:292514 USPATFULL
TITLE: Personal care compositions and methods regulating mammalian hair growth
INVENTOR(S): Oblong, John Erich, Loveland, OH, UNITED STATES
McPhail, Sara Johnson, West Chester, OH, UNITED STATES
Weitz, Shannon Christine, Hamilton, OH, UNITED STATES
Harris, Judith Lynn, Cleves, OH, UNITED STATES
McIvcr, John McMillan, Cincinnati, OH, UNITED STATES

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|---------------|
| PATENT INFORMATION: | US 2005255059 | A1 | 20051117 |
| APPLICATION INFO.: | US 2005-125254 | A1 | 20050509 (11) |

| NUMBER | DATE |
|-----------------------|--|
| PRIORITY INFORMATION: | US 2004-569585P |
| DOCUMENT TYPE: | Utility |
| FILE SEGMENT: | APPLICATION |
| LEGAL REPRESENTATIVE: | THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY
DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110
CENTER HILL AVENUE, CINCINNATI, OH, 45224, US |
| NUMBER OF CLAIMS: | 19 |
| EXEMPLARY CLAIM: | 1 |
| LINE COUNT: | 1449 |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Personal care compositions comprising at least one chronic skin care active selected from the group consisting of butylated hydroxytoluene (BHT), butylated hydroxyanisole (BHA), hexamidine, hexyl isobutyrate, methyl anthranilate, methofuran, 3-butyldenecephthalide, cetyl pyridinium chloride, green tea extract, catechins, phytosterols, ursolic acid, and plant extract compounds; at least one acute skin care active selected from the group consisting of particulate materials (including particles, pigments, and cross-linked silicone elastomers), panthenol, pantothenic acid derivatives, and tanning actives; and a dermatologically acceptable carrier. The composition can also comprise the cationic thickener, Polyquaternium 37. The present invention also relates to methods of using such compositions to regulate hair growth and the condition of mammalian skin. Said methods generally comprise the step of topically applying the composition to the skin of a mammal needing such treatment, a safe and effective amount of such compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 3 OF 10 USPATFULL on STN
 ACCESSION NUMBER: 2005:150732 USPATFULL
 TITLE: Hydrocolloids and process therefor
 INVENTOR(S): Lepilleur, Carole A., Akron, OH, UNITED STATES
 Fruscella, Jeffrey A., Mentor, OH, UNITED STATES

| NUMBER | KIND | DATE |
|-----------------------|--|------------------|
| PATENT INFORMATION: | US 2005129643 | A1 20050616 |
| APPLICATION INFO.: | US 2004-14424 | A1 20041216 (11) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2004-871472, filed on 19 Jun 2004, PENDING | |

| NUMBER | DATE |
|-----------------------|---|
| PRIORITY INFORMATION: | EP 2003-13933 |
| DOCUMENT TYPE: | Utility |
| FILE SEGMENT: | APPLICATION |
| LEGAL REPRESENTATIVE: | NOVEON IP HOLDINGS CORP., 9911 BRECKSVILLE ROAD,
CLEVELAND, OH, 44141-3247, US |
| NUMBER OF CLAIMS: | 26 |
| EXEMPLARY CLAIM: | 1 |
| NUMBER OF DRAWINGS: | 5 Drawing Page(s) |
| LINE COUNT: | 4949 |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a shampoo composition comprising a minced polygalactomannan hydrocolloid(s) in combination with a water soluble silicone compound.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 4 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2005:137486 USPATFULL
 TITLE: Hydrocolloids and process therefor
 INVENTOR(S): Utz, Ferdinand, Rosenheim, GERMANY, FEDERAL REPUBLIC OF
 Malek, Gabriel, Fellheim, GERMANY, FEDERAL REPUBLIC OF

| | NUMBER | KIND | DATE |
|-----------------------|--|------|---------------|
| PATENT INFORMATION: | US 2005118130 | A1 | 20050602 |
| APPLICATION INFO.: | US 2004-7151 | A1 | 20041208 (11) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2004-871472, filed on 19 Jun 2004, PENDING | | |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | EP 2003-13933 | 20030620 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | NOVEON IP HOLDINGS CORP., 9911 BRECKSVILLE ROAD, CLEVELAND, OH, 44141-3247, US | |
| NUMBER OF CLAIMS: | 26 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 5 Drawing Page(s) | |
| LINE COUNT: | 4701 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to substantially pure hydrocolloids and derivatives thereof, a novel method of making said hydrocolloids, compositions comprising said hydrocolloids, and using said hydrocolloids as a gelling and thickening agent for aqueous systems, for instance, in the area of food, fodder, cosmetic and pharmaceutical compositions. Typical hydrocolloids are selected from tamarid, fenugreek, cassia, locust bean, tara, and algal hydrocolloids such as carrageenan and alginates. The hydrocolloids obtainable by the method of the invention are colorless, odorless and tasteless and they exhibit improved performance properties such as viscosity properties as well as gel strength and break strength.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 5 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2005:88032 USPATFULL
 TITLE: Hydrocolloids and process therefor
 INVENTOR(S): Utz, Ferdinand, Rosenheim, GERMANY, FEDERAL REPUBLIC OF
 Malek, Gabriel, Fellheim, GERMANY, FEDERAL REPUBLIC OF
 Lepilleur, Carole A., Akron, OH, UNITED STATES
 Fruscella, Jeffrey A., Mentor, OH, UNITED STATES
 Zellia, Joseph A., Barberton, OH, UNITED STATES
 Rafferty, Denise W., Sagamore Hills, OH, UNITED STATES

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|---------------|
| PATENT INFORMATION: | US 2005075497 | A1 | 20050407 |
| APPLICATION INFO.: | US 2004-871472 | A1 | 20040619 (10) |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | EP 2003-13933 | 20030620 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | NOVEON IP HOLDINGS CORP., 9911 BRECKSVILLE ROAD, CLEVELAND, OH, 44141-3247 | |
| NUMBER OF CLAIMS: | 90 | |

EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 5 Drawing Page(s)
 LINE COUNT: 4825

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to substantially pure hydrocolloids and derivatives thereof, a novel method of making said hydrocolloids, compositions comprising said hydrocolloids, and using said hydrocolloids as a gelling and thickening agent for aqueous systems, for instance, in the area of food, fodder, cosmetic and pharmaceutical compositions. Typical hydrocolloids are selected from tamarind, fenugreek, cassia, locust bean, tara and guar. The hydrocolloids obtainable by the method of the invention are colorless, odorless and tasteless and they exhibit improved performance properties such as viscosity properties as well as gel strength and break strength.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 6 OF 10 USPATFULL on STN
 ACCESSION NUMBER: 2005:3921 USPATFULL
 TITLE: Regulation of mammalian hair growth
 INVENTOR(S): Oblong, John Erich, Loveland, OH, UNITED STATES
 McPhail, Sara Johnson, West Chester, OH, UNITED STATES
 McArthur, Shannon Christine, Indian Springs, OH, UNITED STATES
 Bascom, Charles Carson, Hamilton, OH, UNITED STATES
 Eickhoff, David Joseph, Ft. Mitchell, KY, UNITED STATES
 McIver, John McMillan, Cincinnati, OH, UNITED STATES
 PATENT ASSIGNEE(S): The Procter & Gamble Company (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--|---------------|---------------|
| PATENT INFORMATION: | US 2005003024 | A1 | 20050106 |
| APPLICATION INFO.: | US 2004-783151 | A1 | 20040219 (10) |
| | NUMBER | DATE | |
| PRIORITY INFORMATION: | US 2003-451910P | 20030304 (60) | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | APPLICATION | | |
| LEGAL REPRESENTATIVE: | THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224 | | |

NUMBER OF CLAIMS: 24
 EXEMPLARY CLAIM: 1
 LINE COUNT: 2006

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a topical skin care composition containing a safe and effective amount of a skin care active comprising agmatine, and its salt; a safe and effective amount of a first additional skin care active selected from the group consisting of BHT or BHA, hexamidine, cetyl pyridinium chloride, green tea catechins, phytosterols, ursolic acid, compounds derived from plant extracts, their salts and derivatives; and a dermatologically acceptable carrier for the agmatine composition.

The present invention also relates to methods of using such agmatine compositions to regulate hair growth and the condition of mammalian skin. Said methods generally comprise the step of topically applying the composition to the skin of a mammal needing such treatment, a safe and effective amount of such compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 7 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2004:306462 USPATFULL
 TITLE: Multi-purpose polymers, methods and compositions
 INVENTOR(S): Tamaraselvy, Krishnan, Brecksville, OH, UNITED STATES
 Greenslade, Charles T., Willoughby, OH, UNITED STATES
 Schmucker-Castner, Julie F., Strongsville, OH, UNITED STATES

| | NUMBER | KIND | DATE |
|-----------------------|--|------|---------------|
| PATENT INFORMATION: | US 2004241130 | A1 | 20041202 |
| APPLICATION INFO.: | US 2004-795666 | A1 | 20040308 (10) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 2003-646856, filed on 22 Aug 2003, PENDING | | |

| | NUMBER | DATE |
|-----------------------|--|---------------|
| PRIORITY INFORMATION: | US 2002-410697P | 20020913 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | NOVEON IP HOLDINGS CORP., 9911 BRECKSVILLE ROAD, CLEVELAND, OH, 44141-3247 | |
| NUMBER OF CLAIMS: | 20 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 2 Drawing Page(s) | |
| LINE COUNT: | 4166 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are multi-purpose polymers that are the polymerization product of a monomer mixture comprising at least one amino-substituted vinyl monomer; at least one nonionic vinyl monomer; at least one associative vinyl monomer; at least one semihydrophobic vinyl surfactant monomer; and, optionally, comprising one or more hydroxy-substituted nonionic vinyl monomer, crosslinking monomer, chain transfer agent or polymeric stabilizer. These vinyl addition polymers have a combination of substituents, including amino substituents that provide cationic properties at low pH, hydrophobic substituents, hydrophobically modified polyoxyalkylene substituents, and hydrophilic polyoxyalkylene substituents. The polymers provide surprisingly beneficial Theological properties in acidic aqueous compositions, and are compatible with cationic materials. Additionally, this invention relates to the incorporation of a basic material after the addition of an acidic material to reduce the pH of the composition without negatively impacting the viscosity of the composition. The multi-purpose polymers are useful in a variety of products for personal care, health care, household care, institutional and industrial care, and industrial applications.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 8 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2004:298699 USPATFULL
 TITLE: Wax-based compositions
 INVENTOR(S): Ansmann, Achim, Erkrath, GERMANY, FEDERAL REPUBLIC OF
 Issberner, Ulrich, Rommerskirchen, GERMANY, FEDERAL
 REPUBLIC OF
 Bruening, Stefan, Duesseldorf, GERMANY, FEDERAL
 REPUBLIC OF
 Jackwerth, Bettina, Langenfeld, GERMANY, FEDERAL
 REPUBLIC OF
 Hoffmann, Daniele, Duesseldorf, GERMANY, FEDERAL
 REPUBLIC OF

| | NUMBER | KIND | DATE |
|-----------------------|--|------|---------------|
| PATENT INFORMATION: | US 2004234561 | A1 | 20041125 |
| APPLICATION INFO.: | US 2004-483534 | A1 | 20040629 (10) |
| | WO 2002-EP7787 | | 20020712 |
| | NUMBER | DATE | |
| PRIORITY INFORMATION: | DE 2001-133399 | | 20010713 |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | APPLICATION | | |
| LEGAL REPRESENTATIVE: | COGNIS CORPORATION, PATENT DEPARTMENT, 300 BROOKSIDE AVENUE, AMBLER, PA, 19002 | | |
| NUMBER OF CLAIMS: | 20 | | |
| EXEMPLARY CLAIM: | CLM-01-15 | | |
| LINE COUNT: | 1374 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition for use on personal hygiene articles containing: (a) a primary wax or oil component selected from the group consisting of a C.sub.14-30 dialkyl carbonate, a C.sub.14-30 dialkylene carbonate, and mixtures thereof; and (b) up to about 10% by weight of water, and wherein the composition has a melting point above about 25° C.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 9 OF 10 USPATFULL on STN
 ACCESSION NUMBER: 2004:164857 USPATFULL
 TITLE: **Self-tanning** composition in
sheeted substrate
 INVENTOR(S): Dicianna, Valerie Dumont, Concord, CANADA

| | NUMBER | KIND | DATE |
|-----------------------|---|------|---------------|
| PATENT INFORMATION: | US 2004126342 | A1 | 20040701 |
| APPLICATION INFO.: | US 2003-647313 | A1 | 20030826 (10) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. WO 2002-CA234, filed on 26 Feb 2002, UNKNOWN | | |

| | NUMBER | DATE | |
|-----------------------|---|----------|--|
| PRIORITY INFORMATION: | CA 2001-2338124 | 20010226 | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | APPLICATION | | |
| LEGAL REPRESENTATIVE: | MARKS & CLERK, 1075 NORTH SERVICE ROAD WEST, SUITE 203, OAKVILLE, ON, L6M 2G2 | | |
| NUMBER OF CLAIMS: | 16 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 1 Drawing Page(s) | | |
| LINE COUNT: | 1158 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A plurality of **sheet-like** substrates infused by an aqueous **self-tanning** position is enclosed in a dispensing enclosure, from which they may be removed one at a time. The **self-tanning** composition adheres to each substrate while in the container, and transfers from the substrate when applied to the skin of a user. The aqueous **self-tanning** composition comprises 45% to 65% by weight of aqueous extract of Japanese green tea, 5% to 15% dihydroxyacetone, 5% to 25% ethylethoxydyglycol, 3% to 10% PPG-12-Buteth-16, 1% to 13% of a humectant, 0.05% to 0.5% of minerals, and other trace constituents such as an exfoliator,

10/647,313

moisturizer, colorant, anti-oxidant, tanning accelerator, preservative, and sunscreen. The substrates are infused by being placed in a vacuum chamber in which they can be agitated and tumbled, and the ingredients are added in a specific order at specific temperatures, with tumbling and agitation following each step for a specific period of time.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 10 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2004:69519 USPATFULL

TITLE: Multi-purpose polymers, methods and compositions

INVENTOR(S): Tamareselvy, Krishnan, Brecksville, OH, UNITED STATES

Barker, Thomas A., Akron, OH, UNITED STATES

Mullee, James E., Garrettsville, OH, UNITED STATES

Greenslade, Charles T., Willoughby, OH, UNITED STATES

Schmucker-Castner, Julie F., Strongsville, OH, UNITED STATES

Filla, Deborah S., Twinsburg, OH, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION: US 2004052746 A1 20040318

APPLICATION INFO.: US 2003-646856 A1 20030822 (10)

NUMBER DATE

PRIORITY INFORMATION: US 2002-410697P 20020913 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: Noveon, Inc., Legal Department, 9911 Brecksville Road, Cleveland, OH, 44141-3247

NUMBER OF CLAIMS: 71

EXEMPLARY CLAIM: 1

LINE COUNT: 4095

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are multi-purpose polymers that are the polymerization product of a monomer mixture comprising at least one amino-substituted vinyl monomer; at least one nonionic vinyl monomer; at least one associative vinyl monomer; at least one semihydrophobic vinyl surfactant monomer; and, optionally, comprising one or more hydroxy-substituted nonionic vinyl monomer, crosslinking monomer, chain transfer agent or polymeric stabilizer. These vinyl addition polymers have a combination of substituents, including amino substituents that provide cationic properties at low pH, hydrophobic substituents, hydrophobically modified polyoxyalkylene substituents, and hydrophilic polyoxyalkylene substituents. The polymers provide surprisingly beneficial rheological properties in acidic aqueous compositions, and are compatible with cationic materials. The multi-purpose polymers are useful in a variety of products for personal care, health care, household care, institutional and industrial care, and industrial applications.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 11:07:59 ON 09 FEB 2006)

FILE 'USPATFULL' ENTERED AT 11:08:36 ON 09 FEB 2006

L1 1484 S ARTIFICIAL TAN? OR SELF-TAN? OR SELF TAN?

L2 2581 S GREEN TEA?

L3 151 S L1 AND L2

10/647,313

L4 816702 S SHEET? OR WIP? OR TOWEL?
L5 81 S L3 AND L4
L6 2992 S DIHYDROXYACETONE?
L7 31 S L5 AND L6
L8 593 S ETHOXYDIGLYCOL?
L9 1 S L7 AND L8
L10 1 S L5 AND L8
L11 58 S PPG-12-BUTETH-16
L12 1 S L11 AND L7
L13 1 S L5 AND L11
L14 1 S US5972360/PN
L15 0 S L14 AND L11
L16 11262 S EMOLlient?
L17 13769 S PPG
L18 1489 S L16 AND L17
L19 0 S L18 AND L14
L20 10 S L18 AND L7

=> s l1/ti
4019 ARTIFICIAL/TI
12324 TAN?/TI
15 ARTIFICIAL TAN?/TI
((ARTIFICIAL(W)TAN?)/TI)
28529 SELF/TI
12324 TAN?/TI
33 SELF-TAN?/TI
((SELF(W)TAN?)/TI)
28529 SELF/TI
12324 TAN?/TI
33 SELF TAN?/TI
((SELF(W)TAN?)/TI)
L21 48 (ARTIFICIAL TAN?/TI OR SELF-TAN?/TI OR SELF TAN?/TI)

=> s l21 and l11
L22 2 L21 AND L11

=> d 1-2 ibib abs

L22 ANSWER 1 OF 2 USPATFULL on STN
ACCESSION NUMBER: 2004:164857 USPATFULL
TITLE: Self-tanning composition in sheeted substrate
INVENTOR(S): Dicianna, Valerie Dumont, Concord, CANADA

| | NUMBER | KIND | DATE |
|-----------------------|---|------|---------------|
| PATENT INFORMATION: | US 2004126342 | A1 | 20040701 |
| APPLICATION INFO.: | US 2003-647313 | A1 | 20030826 (10) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. WO 2002-CA234, filed on 26 Feb 2002, UNKNOWN | | |

| | NUMBER | DATE |
|-----------------------|---|----------|
| PRIORITY INFORMATION: | CA 2001-2338124 | 20010226 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | MARKS & CLERK, 1075 NORTH SERVICE ROAD WEST, SUITE 203, OAKVILLE, ON, L6M 2G2 | |
| NUMBER OF CLAIMS: | 16 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 1 Drawing Page(s) | |
| LINE COUNT: | 1158 | |

10/647,313

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A plurality of sheet-like substrates infused by an aqueous self-tanning position is enclosed in a dispensing enclosure, from which they may be removed one at a time. The self-tanning composition adheres to each substrate while in the container, and transfers from the substrate when applied to the skin of a user. The aqueous self-tanning composition comprises 45% to 65% by weight of aqueous extract of Japanese green tea, 5% to 15% dihydroxyacetone, 5% to 25% ethylethoxydyglycol, 3% to 10% PPG-12-Buteth-16, 1% to 13% of a humectant, 0.05% to 0.5% of minerals, and other trace constituents such as an exfoliator, moisturizer, colorant, anti-oxidant, tanning accelerator, preservative, and sunscreen. The substrates are infused by being placed in a vacuum chamber in which they can be agitated and tumbled, and the ingredients are added in a specific order at specific temperatures, with tumbling and agitation following each step for a specific period of time.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L22 ANSWER 2 OF 2 USPATFULL on STN

ACCESSION NUMBER: 97:78164 USPATFULL

TITLE: Self-tanning cosmetic compositions
and methods of using the same

INVENTOR(S): Punto, Louis L., Northport, NY, United States
Zecchino, Jules R., Closter, NJ, United States

Lentini, Peter J., Glen Oaks, NY, United States
PATENT ASSIGNEE(S): Estee Lauder, Inc., New York, NY, United States (U.S.
corporation)

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

PATENT INFORMATION: US 5662890 19970902

APPLICATION INFO.: US 1994-320772 19941011 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1992-980001, filed on 23
Nov 1992, now abandoned

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Dodson, Shelley A.

LEGAL REPRESENTATIVE: Pennie & Edmonds LLP

NUMBER OF CLAIMS: 14

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 8 Drawing Figure(s); 8 Drawing Page(s)

LINE COUNT: 702

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel cosmetic preparations for artificially tanning the skin. These novel cosmetics are applied to the skin in a sprayable mist application. These cosmetics are oil and alcohol free and are quick drying. Further, these cosmetic preparations provide an even, deeper and long lasting artificial tan.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s edta
L23 100560 EDTA

=> s l22 and l23
L24 1 L22 AND L23

=> d his

(FILE 'HOME' ENTERED AT 11:07:59 ON 09 FEB 2006)

10/647,313

FILE 'USPATFULL' ENTERED AT 11:08:36 ON 09 FEB 2006
L1 1484 S ARTIFICIAL TAN? OR SELF-TAN? OR SELF TAN?
L2 2581 S GREEN TEA?
L3 151 S L1 AND L2
L4 816702 S SHEET? OR WIP? OR TOWEL?
L5 81 S L3 AND L4
L6 2992 S DIHYDROXYACETONE?
L7 31 S L5 AND L6
L8 593 S ETHOXYDIGLYCOL?
L9 1 S L7 AND L8
L10 1 S L5 AND L8
L11 58 S PPG-12-BUTETH-16
L12 1 S L11 AND L7
L13 1 S L5 AND L11
L14 1 S US5972360/PN
L15 0 S L14 AND L11
L16 11262 S EMOLlient?
L17 13769 S PPG
L18 1489 S L16 AND L17
L19 0 S L18 AND L14
L20 10 S L18 AND L7
L21 48 S L1/TI
L22 2 S L21 AND L11
L23 100560 S EDTA
L24 1 S L22 AND L23